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FIRE STATISTICS

1960

COCONINO NATIONAL FOREST

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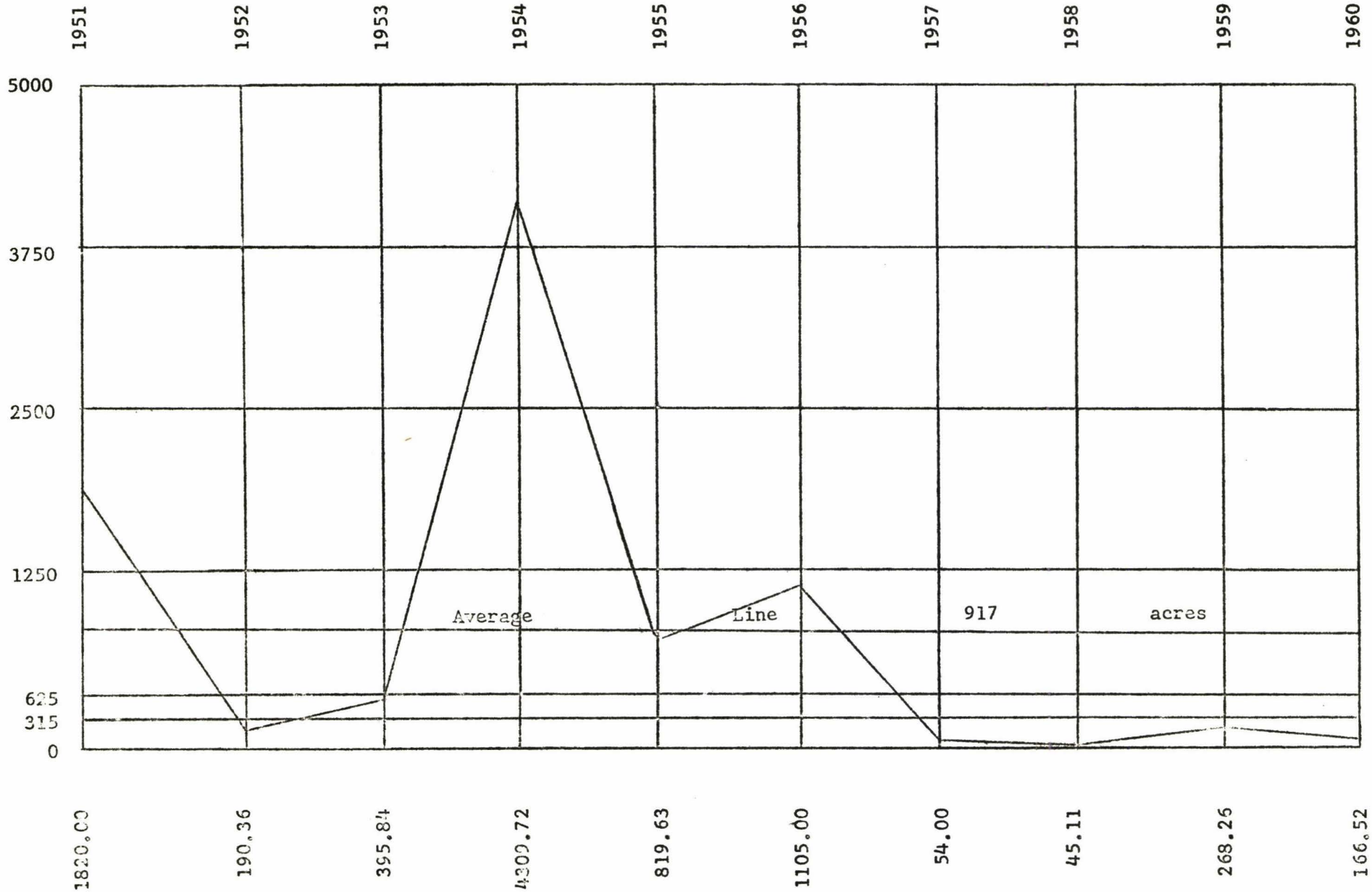
USDA Forest Service
240 W Prospect Rd
Fort Collins CO 80526

FIRE TRENDS 10-YEAR PERIOD 1951 - 1960 INCLUSIVE

	Man-Caused					Lightning					Man-Caused Class of People														
	A.	B.	C.	C.	E.	A.	B.	C.	D.	E.	Travelers	Picnickers	Timbermen	Campers	Children	Fishermen	Hunters	Rancher-Farmers	Woodcutters	Housewife	Stockmen	Miners	Other & Unknown	Man-Caused	Lightning	Total
			Belle		Spr.																					
1951	36	18	1	0	1	342	61	1	0	0	2	0	3	1	1	1	5	1	0	0	0	0	42	56	404	460
1952	33	16	3	0	0	171	34	2	0	0	6	1	8	4	1	1	11	0	0	0	1	0	19	52	207	259
1953	55	31	2	1	0	262	61	0	0	0	4	2	2	1	3	3	29	3	0	0	4	0	38	89	323	412
			Kelly																							
1954	52	12	3	1	1	346	74	7	0	0	9	3	2	0	2	1	17	0	0	0	2	0	33	69	427	496
								Pivot																		
1955	67	24	4	1	0	143	26	0	0	1	3	0	1	1	3	0	24	0	0	0	1	0	63	96	170	266
								Fry																		
1956	54	26	1	1	0	322	92	3	2	1	3	0	5	1	5	0	21	0	0	0	1	0	46	82	420	502
1957	46	17	0	0	0	241	16	0	0	0	4	2	1	3	13	0	3	0	0	0	0	0	37	63	257	320
1958	66	7	1	0	0	363	11	0	0	0	14	4	1	12	8	7	3	2	0	0	0	0	23	74	374	448
1959	65	8	0	1	0	406	28	1	0	0	9	2	8	9	1	10	7	3	0	0	0	1	24	74	435	509
1960	43	15	2	0	0	552	54	1	0	0	2	13	7	3	7	2	10	1	1	0	0	0	14	60	607	667
	517	174	17	5	2	3148	457	15	2	2	56	27	38	35	44	25	130	10	1	0	9	1	339	715	3624	4339

ACREAGE BURNED 10-YEAR PERIOD 1951-1960 INCLUSIVE

COCONINO NATIONAL FOREST



STATISTICS BY DISTRICTS
COCONINO NATIONAL FOREST

DISTRICT	A.	B.	C.	ACRES	LIGHTNING	MAN-CAUSED	EXTRA PERIOD	TOTAL	L.E.	OTHER INSIDE	TOTAL ACRES
ELDEN	69	9	0	18.33	64	14	1	78	5	.92	19.25
FLAGSTAFF	98	12	1	24.30	96	15	0	111	8	1.59	25.89
LONG VALLEY	123	11	2	68.35	129	7	0	136	1	.42	68.77
MORMON LAKE	103	20	0	25.39	106	17	0	123	8	.20	25.59
WINSLOW	142	12	0	15.96	149	5	0	154	2	2.24	18.20
BEAVER CREEK	21	0	0	.47	20	1	0	21	0	0	.47
SEDONA	39	5	0	8.35	43	1	0	44	0	0	8.35
TOTALS	595	69	3	161.15	607	60	1	667	24	5.37	166.52

MAN-CAUSED FIRE RECORD 1960

COCONINC NATIONAL FOREST

Name of Fire	Date	Size Class	Ranger District	General Cause	Specific Cause	Class of People	Enforcement Action	
							Yes	No
Dump	3-30	A	Mormon Lake	Resident	Hot Ashes	Other&Unknown		X
Lucky	4-1	B	Elden	Recreation	Warming Fire	Camper		X
Indian	4-9	A	Flagstaff	Other	Playing/Match	Children		X
Sawdust	4-14	A	Mormon Lake	Recreation	Cooking Fire	Picnickers		X
Sheep	5-16	A	Elden	Har.Other Pr.	Smoking	Other&Unknown	X	
Woody	4-25	A	Flagstaff	Recreation	Cooking Fire	Picnickers		X
West Clear #1	4-26	C	Long Valley	Hunt & Fish	Cooking Fire	Fisherman		X
Brothers	5-13	A	Mormon Lake	Timber	Exhaust	Timberman	X	
Breakfast	5-15	A	Mormon Lake	Recreation	Cooking Fire	Picnickers		X
Walter	5-19	A	Flagstaff	Timber	Exhaust	Timberman	X	
Schoolhouse	5-21	A	Mormon Lake	Incendiary	Grudge	Other & Unknown	X	
Statler	5-21	A	Mormon Lake	Incendiary	Grudge	Other & Unknown	X	
Willow #1	5-22	A	Long Valley	Recreation	Warming Fire	Picnickers		X
Camper	5-23	A	Elden	Recreation	Cooking Fire	Camper		X
Rockpile	5-25	A	Mormon Lake	Incendiary	Grudge	Other & Unknown	X	
Kittredge	5-28	A	Flagstaff	Recreation	Cooking Fire	Picnickers		X
Casner #1	5-28	B	Mormon Lake	Recreation	Warming Fire	Traveler		X
Casner #2	5-29	A	Mormon Lake	Recreation	Warming Fire	Traveler		X
Summer	5-29	A	Sedona	Recreation	Warming Fire	Picnickers		X
Kendrick	6-3	A	Flagstaff	Forest &R.M.	Smoking	Rch.-Farmer	X	
Doyle	6-5	A	Flagstaff	Recreation	Cooking Fire	Picnickers		X
Joe	6-12	A	Winslow	Timber	Exhaust	Timberman		X
Bearcat	6-15	B	Mormon Lake	Recreation	Cooking Fire	Picnickers		X
Clear #2	6-16	C	Long Valley	Timber	Exhaust	Timberman	X	
Riordan	6-18	B	Flagstaff	Railroad	Exhaust	Other & Unknown	X	
Copper	6-20	A	Flagstaff	Other	Playing/Match	Children	X	
137	6-20	B	Winslow	Other	Unknown	Other & Unknown	X	
Rifle	6-27	A	Mormon Lake	Recreation	Smoking	Other & Unknown	X	
Lame	7-1	B	Elden	Har.Other Pr.	Smoking	Woodcutter		X
Blanket	7-4	A	Mormon Lake	Hunt & Fish	Smoking	Fisherman		X
Wildcat	7-3	A	Mormon Lake	Timber	Smoking	Timberman	X	
Sixteen	7-4	A	Elden	Recreation	Cooking	Camper	X	

MAN-CAUSED FIRE RECORD 1960 (Continued)

COCONINO NATIONAL FOREST

Name of Fire	Date	Size Class	Ranger District	General Cause	Specific Cause	Class of People	Enforcement Action	
							Yes	No
Beaver	7-4	A	Elden	Recreation	Smoking	Children		X
Schultz	7-7	A	Elden	Timber	Smoking	Timberman	X	
Hill	7-10	B	Elden	Recreation	Smoking	Picnickers		X
Navajo	7-14	A	Elden	Other	Playing/Match	Children	X	
Mud	7-14	B	Mormon Lake	Other	Smoking	Picnickers	X	
Bearcat #2	7-16	B	Mormon Lake	Recreation	Smoking	Picnickers		X
Walker	7-17	A	Flagstaff	Other	Other (Weld.)	Other&Unknown	X	
Navajo #2	7-21	A	Elden	Other	Playing/Match	Children		X
Railroad	7-22	A	Flagstaff	Railroad	Fuel Sparks	Other&Unknown	X	
View Point	8-5	A	Flagstaff	Highway	Burn. Rubbish	Other &Unknown	X	
Stump	8-1	A	Mormon Lake	Recreation	Warming Fire	Picnickers		X
Benigar	8-19	B	Winslow	Timber	Exhaust	Timberman	X	
Luck	8-19	B	Elden	Recreation	Cooking Fire	Children	X	
Fisher	8-27	A	Mormon Lake	Other	Burning R/W	Other &Unknown	X	
Dove	9-18	A	Elden	Recreation	Cooking Fire	Hunter		X
Grader	9-22	A	Elden	Recreation	Warming Fire	Other &Unknown		X
Campers	10-5	A	Winslow	Recreation	Cooking Fire	Picknickers		X
Limits	10-21	A	Flagstaff	Recreation	Warming Fire	Children		X
Hollow	10-27	A	Flagstaff	Hunt & Fish	Cooking Fire	Hunter	X	
Woody	10-29	A	Flagstaff	Hunt & Fish	Cooking Fire	Hunter		X
Bell	10-31	B	Long Valley	Hunt & Fish	Cooking Fire	Hunter		X
"211"	11-2	B	Long Valley	Hunt & Fish	Cooking Fire	Hunter		X
Bottle	11-2	A	Winslow	Hunt & Fish	Cooking Fire	Hunter		X
Frozen	11-15	B	Flagstaff	Hunt & Fish	Cooking Fire	Hunter		X
Dog	11-21	A	Long Valley	Hunt & Fish	Cooking Fire	Hunter		X
TSO	11-21	B	Elden	Recreation	Smoking	Other &Unknown		X
Brady #2	11-23	A	Long Valley	Hunt & Fish	Cooking Fire	Hunter		X
Cutler	11-14	A	Beaver Creek	Hunt & Fish	Cooking Fire	Hunter		X

RELATIONSHIP OF ACREAGE BURNED BY CAUSES 1957-1960 INCLUSIVE

COCONINO NATIONAL FOREST

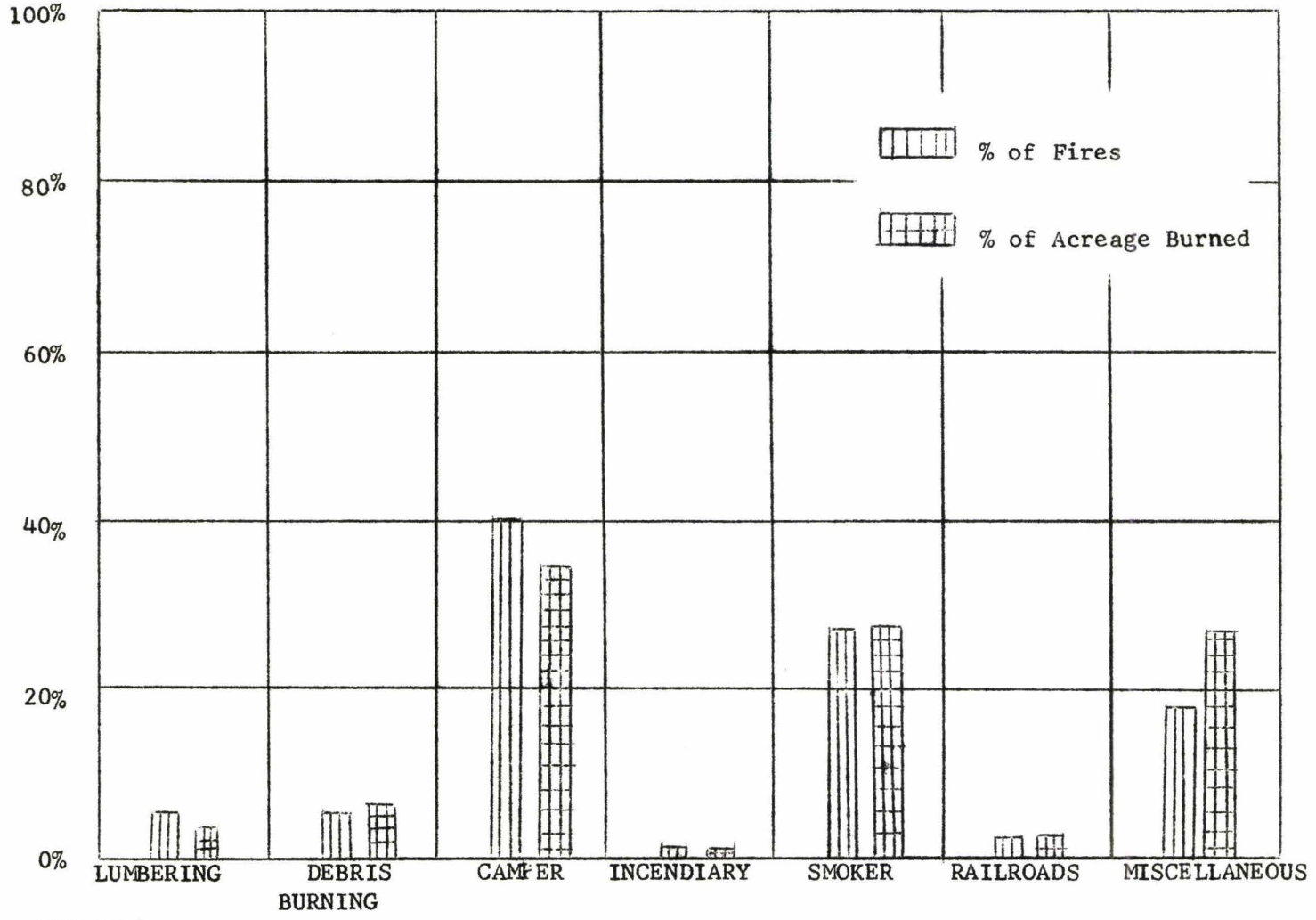


FIGURE 4

Graph Based on 271 Fires

RELATIONSHIP OF ACREAGE BURNED BY CAUSES

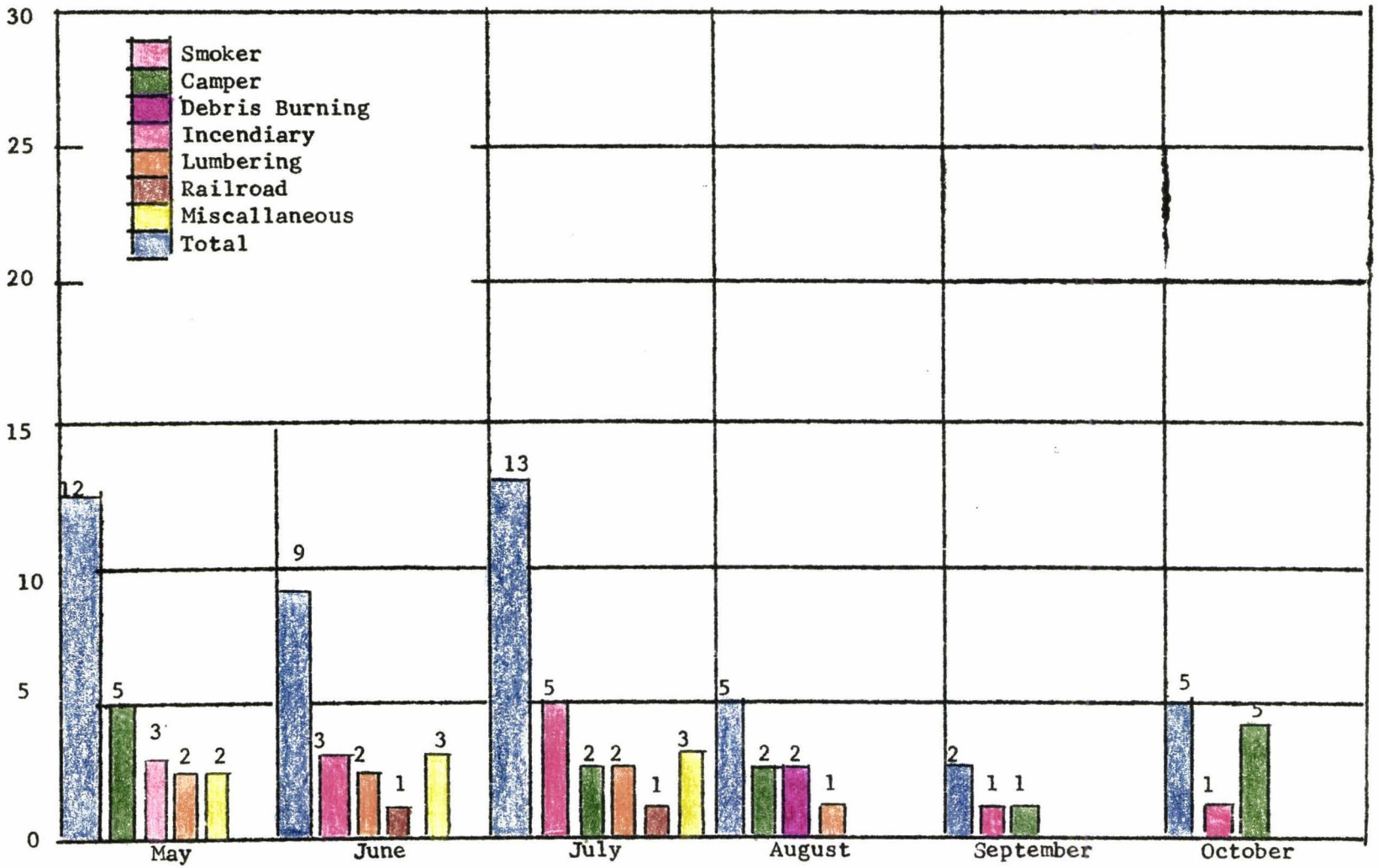
COCONINO NATIONAL FOREST
1957-1960 INCLUSIVE

Causes	Year					Acreage	Year				Percent	
	1957	1958	1959	1960	Total	1957	1958	1959	1960	Total	Fires	Acres
Lumbering	1	1	6	7	15	.03	.04	1.35	1.67	3.09	.055	.028
Debris Burning	5	3	3	2	13	.10	.20	5.20	.31	5.81	.048	.053
Camper	29	30	27	23	109	11.41	.53	4.50	21.91	38.35	.403	.351
Incendiary	0	0	0	3	3	0	0	0	.35	.35	.011	.003
Smoker	15	25	23	11	74	12.10	4.77	2.79	10.90	30.56	.273	.279
Railroads	2	0	2	2	6	1.60	0	.60	.61	2.81	.022	.026
Miscellaneous	11	15	13	12	51	1.90	3.51	13.41	9.57	28.39	.188	.260
Total	63	74	74	60	271	27.14	9.05	27.85	45.32	109.36	100%	100%

This work is graphed in Figure 4, page 6

COMPARISON OF MAN-CAUSED FIRES BY MONTHS, 1960

COCONINO NATIONAL FOREST



Total 46

COCONINO NATIONAL FOREST

Analysis Form 5100-29 Reports for Period
May 1, to July 10, 1960 Inclusive Covering
Discovery, Report Time and Initial Attack Time.

Discovery Time Interval / District	0-14"	15-29"	30-59"	1Hr-1Hr59"	2Hr-2Hr59"	3Hr-3Hr59"	4 Hr-4Hr59"	5Hr-5Hr59"	Over 6 Hrs.
Winslow		3	2	8	3	1			9
Sedona			1		1	1			1
Mormon Lake			6	3	3	7		1	4
Long Valley		1	4	3	2		1	2	12
Beaver Creek				1	1				
Flagstaff		2	4	6	1	2			9
Elden	1	4	5	5	3	2	1		9
TOTALS	1	10	22	26	14	13	2	3	44

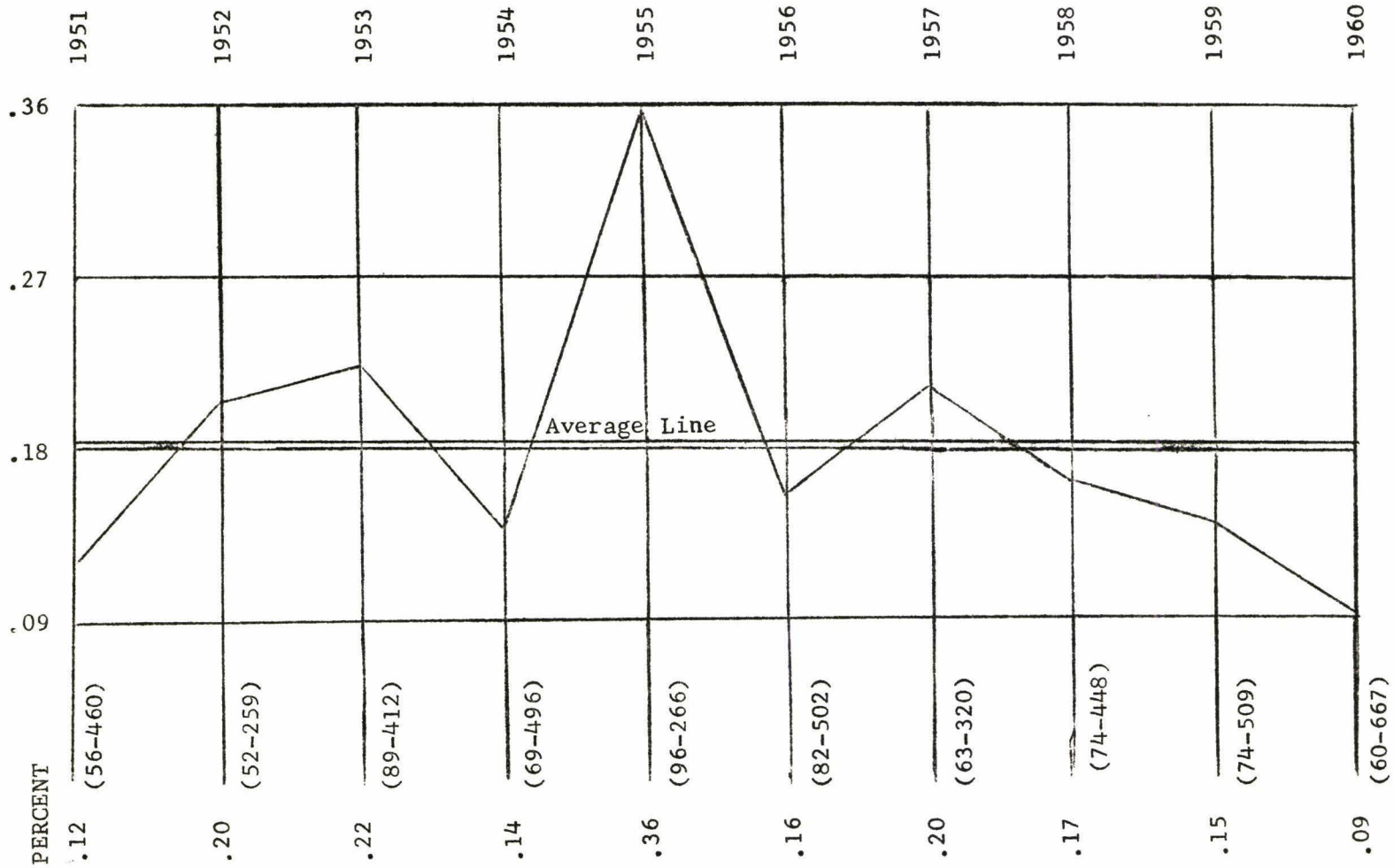
Report Time Interval / District	0-6"	7-12"	13-18"	19-30"	31-59"	1Hr-1Hr59"	Over 6 Hrs.
Winslow	20	1		3	2		
Sedona	4						
Mormon Lake	20	1	3				
Long Valley	25						
Beaver Creek	2						
Flagstaff	24						
Elden	28				1	1	
TOTALS	123	2	3	3	3	1	

Initial Attack Time Interval / District	0-18"	19-30"	31-48"	49-59"	1Hr-1Hr59"	2Hr-2Hr59"	3Hr-3Hr-59"	4Hr-4Hr59"	5Hr-5Hr59"	6Hr-6Hr 59"	Over 7 Hrs.
Winslow	2	3	6	2	5	5	2	1			
Sedona		1	1		2						
Mormon Lake	6	7	1	3	6	1					
Long Valley	1	3	1	6	6	4	2		1		1
Beaver Creek			1		1						
Flagstaff	4	8	3	2	6		1				
Elden	10	2	8	6	2	2					
TOTALS	23	24	21	19	28	12	5	1	1		1

TOTAL FIRES 135

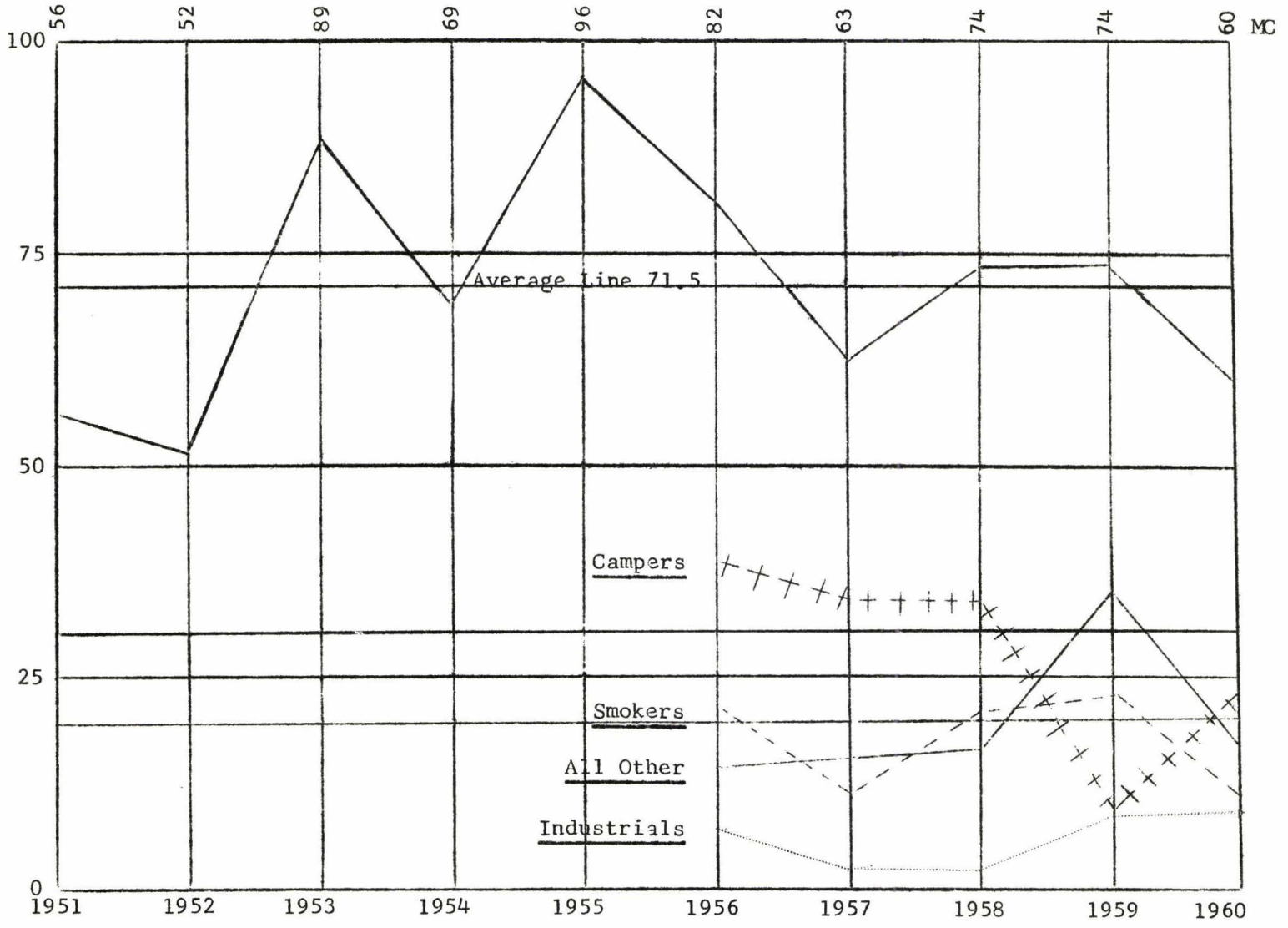
Average 18.1 Percent
1951-1960

MAN-CAUSED BY PERCENT
10-YEAR PERIOD 1951-1960
COCONINO NATIONAL FOREST



* TREND OF MAN-CAUSED FIRES BY 10-YEAR PERIODS 1951-1960 INCLUSIVE
COCONINO NATIONAL FOREST

1956	
Smokers	22
Industrials	7
Campers	39
All Other	14
Total	82
1957	
Smokers	12
Industrials	2
Campers	34
All Other	15
Total	63
1958	
Smokers	21
Industrials	2
Campers	34
All Other	17
Total	74
1959	
Smokers	23
Industrials	8
Campers	9
All Other	34
Total	74
1960	
Smokers	11
Industrials	9
Campers	23
All Other	17
Total	60



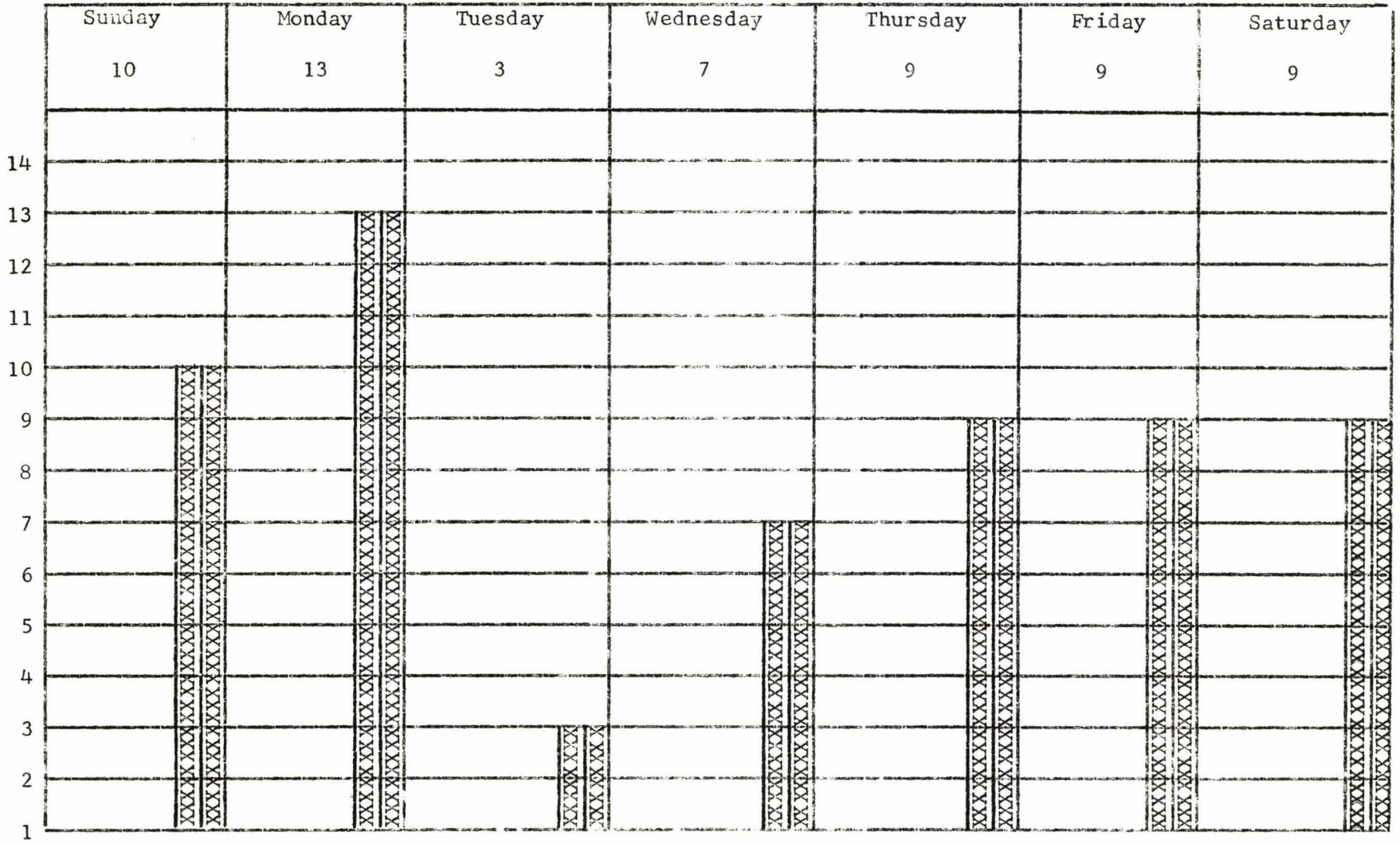
Approximately 1 inch vertical = 20
1956-1960 inclusive, by causes

* Started 1956

MAN-CAUSED OCCURRENCE BY DAYS OF WEEK

COCONINO NATIONAL FOREST

1960



Total--60

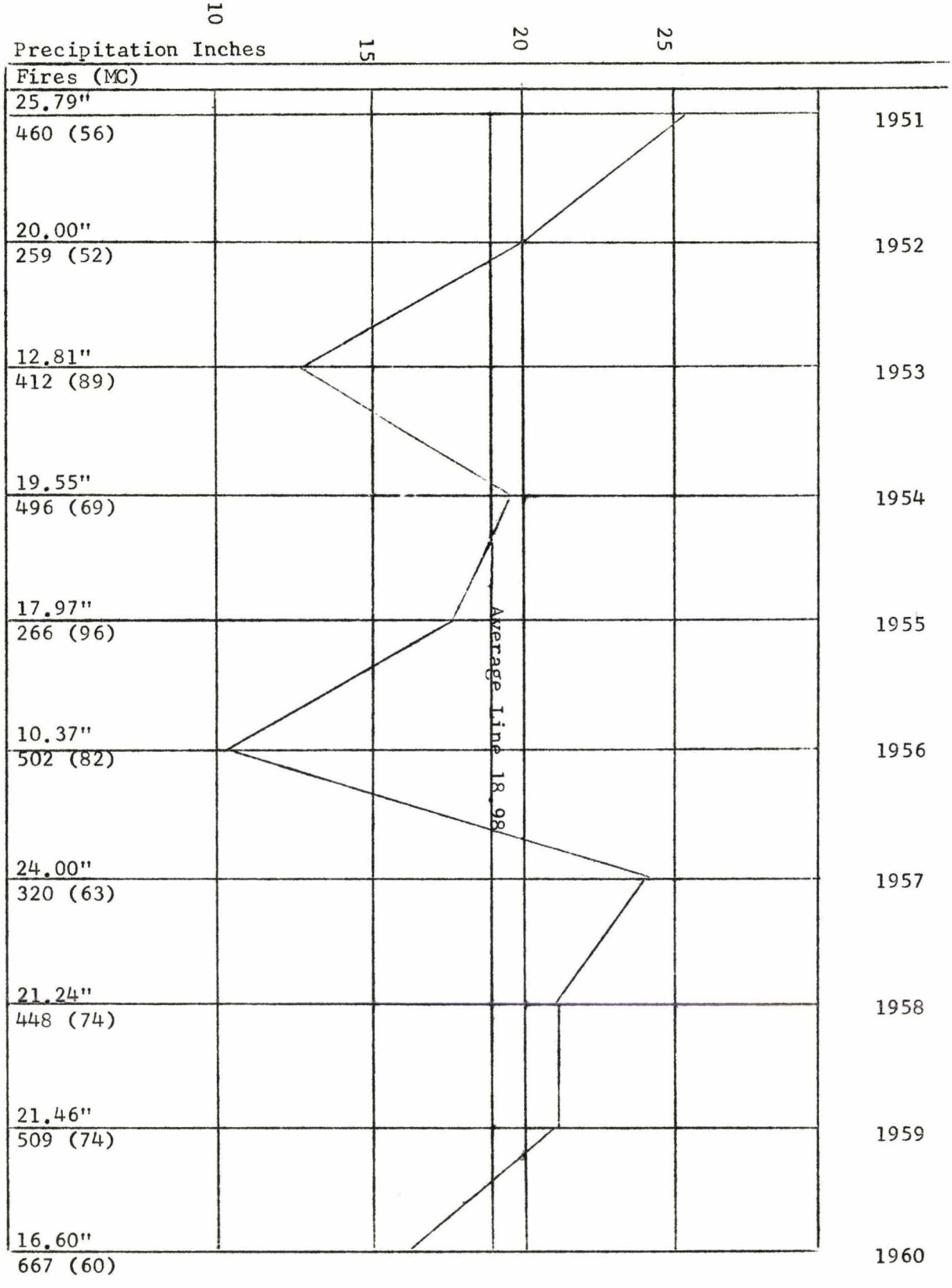
FIRST DISCOVERIES

COCONINO NATIONAL FOREST - 1960

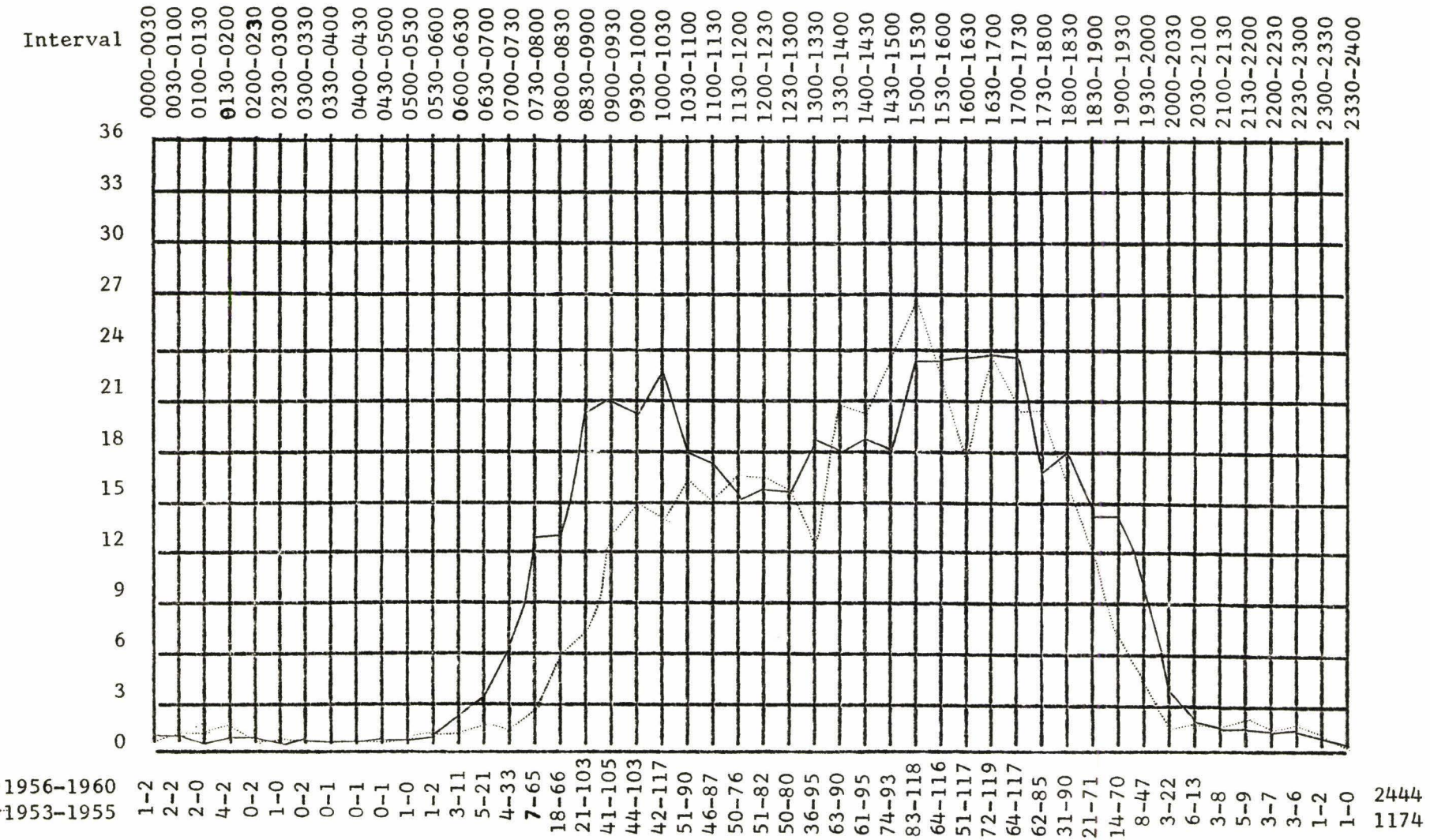
Discovered By	District							Total
	Flagstaff	Elden	Long Valley	Mormon Lake	Sedona	Beaver Creek	Winslow	
Airplane Obs. (FS)	32	10	48	55	18	8	77	248
Elden	10	19	1	21				51
Moqui			2				49	51
Baker Butte			30			2	8	40
O'Leary		32		1				33
Buck Mountain			30				1	31
Hutch			19	5			5	29
Other FS Employees	2	3	1	6	2	5	7	26
East Pocket	11			5	9			25
Others	7	4	1	5	5	2		24
Woody Mountain	14	1		6				21
Turkey Butte	18			1	1			20
Lee Butte				2	8	2		12
Mormon Lake				10			1	11
Planned Coop.	1	1		4	1	1	1	9
Volunteer	8	1						9
Patrolman	1	3	2	1			1	8
Saddle Mountain	4	3						7
Air Obs. (Other)	1	1	1	1				4
Tonto Air Obs. FS							3	3
FSPermittee	1					1		2
Bill Williams	1							1
Chevlon							1	1
Diamond Point			1					1
TOTALS	111	78	136	123	44	21	154	667

PRECIPITATION 1951-1960 INCLUSIVE

COCONINO NATIONAL FOREST



TIME OF FIRST ATTACK BY 30-MINUTE INTERVALS
(Average)
8-YEAR PERIOD 1953-1960 INC.
COCONINO NATIONAL FOREST



BORATE STATISTICS 1960

Number of fires treated		6
Total Gallons Borate		22,200
Total Gallons Bentonite		1,600
Total Loads		29
5-31	1 T.B.M. #53 "Little Elden"	1
6-16	6 T.B.M. #54	6
	6 T.B.M. #53 Clear #2	6
	1 B-25 #33	1
	1 Privateer #30	1
6-20	2 T.B.M. #53-#54	2
	1 Privateer #30 "137"	1
	2 B-25 #32-#33	2
	1 B-17 #17	1
7-14	1 B-25 #33 (Bentonite)	1
	1 T.B.M. #53 "Mud"	1
	1 T.B.M. #49 (Bentonite)	1
7-18	2 T.B.M. #53 "Sorefoot"	2
	1 B-25 #37	1
7-22	1 Privateer #30 "Barbershop"	1
	1 T.B.M. #34	1

AIRPLANE STATISTICS 1960

Number of flights	293
Total Hours	594.7
Total	$16,354.25

Supplemental detection	244.7
False alarms	21.3
Condition reports	100.9
Freight	4.3
Airfield to airfield	32.6
Aerial fire boss	11.5
Borate (Bird dog)	15.8
Para-cargo	4.7
Lead-in	81.9
First discovery	77.0
Total hours	594.7

ZONE DISPATCHING 1960

Name of Fires and Regions		Forest	Number of Indians Dispatched	Number of Overhead Dispatched	Date of Fire
Trask Fire	(R-3)	Coronado N.F.	100 Hopi	19	6/4
Box Canyon	(R-3)	Coronado N.F.	75 Navajo	0	6/4
Geronimo	(R-3)	Coronado N.F.	No crew	11	6/21
Saddle Fire	(R-3)	Kaibab N.F.	158 Hopis, 75 Navajos	22	6/22
Near Fire	(R-3)	Sitgreaves N.F.	No crew	No O.H.	6/23
Mesa Fire	(R-3)	Prescott N.F.	25 Hopi	1	7/20
Rough Fire	(R-3)	Prescott N.F.	125 Hopi	17	8/6
Sycamore Fire	(R-3)	Kaibab N.F.	25 Hopi	No O.H.	8/8
Polecat	(R-5)	Angeles N.F.	No crews	1	7/18
White Mtn.	(R-5)	Los Padres N.F.	75 Hopi, 66 Navajo	7	7/23
New York Ravine	(R-5)	Tahoe N.F.	87 Hopi	4	8/14
Donner Ridge	(R-5)	Tahoe N.F.	61 Hopi, 65 Navajo	12	8/21
Mohave #3	(BLM)	Kingman, Arizona	50 Hopi	BLM O.H.	6/2
Jump	(BLM)	St. George, Utah	43 Hopi	BLM O.H.	7/19
Seiben	(BLM)	Helena, Montana	25 Hopi from Jump fire	2 BLM O.H.	7/29
West Elk Creek	(BLM)	Rifle, Colorado	50 Hopi	2 BLM O.H. & 1 Trainee	8/22
Spring Creek	(R-6)	LoGrande, Oregon Whitman N.F.	55 Hopi	4, & 2 Trainees	7/27
Eureka	(R-6)	Portland, Oregon Wallowa N.F.	No crew	4	8/11
Coldsprings	(R-4)	Boise N.F.	No crew	2	7/14
Gibson	(NPS)	Yosemite N.F.	25 Hopi from Donner	NPS O.H.	9/10
	Totals		1185	108	

DISTRICT ORGANIZATION 1960

BEAVER CREEK

(1)	Roger Voyles	Ranger
(2)	Ralph Solether	Ass't Ranger
(3)	Carl Lightfoot	G.D.A.

ELDEN

(1)	Jean Hassell	Ranger
(2)	Richard Beaubien	Ass't Ranger
(3)	Laurel Brewer	G.D.A.

FLAGSTAFF

(1)	Dean Gossard	Ranger
(2)	John Hart	Ass't Ranger
(3)	Robert Legg	G.D.A.

LONG VALLEY

(1)	Thomas Smith (to September)	Ranger
	Bob Williamson (from September)	Ranger
(2)	Billy Buck	Ass't Ranger
(3)	Cifredo Gutierrez	G.D.A.

MORMON LAKE

(1)	James Cochrane	Ranger
(2)	Acie Pittman	Ass't Ranger
(3)	Sam Orr	G.D.A.

SEDONA

(1)	William Holmes	Ranger
(2)	Benton Rogers	G.D.A.

WINSLOW

(1)	Harry Severtson	Ranger
(2)	William Troxel	Ass't Ranger
(3)	Evins Baldwin	G.D.A.

NARRATIVE 1960

THE 1960 FIRE SEASON WAS CHARACTERIZED BY ITS EXTREME LENGTH, BELOW NORMAL AMOUNTS OF PRECIPITATION DURING CRITICAL PERIODS, AND RECORD NUMBER OF FIRE OCCURRENCES.

DURING THE PERIOD MARCH 30 TO NOVEMBER 26 A TOTAL OF 667 FIRES OCCURRED. AN ANALYSIS OF THE 10 YEAR PERIOD 1951-1960 INCLUSIVE REVEALS THAT 4339 FIRES OCCURRED FOR AN ANNUAL AVERAGE OF 434. THIS WOULD INDICATE THAT THE YEAR 1960 HAD 233 FIRES IN EXCESS OF THE 10 YEAR AVERAGE.

A GENERAL RISE IN THE DROUGHT INDEX BEGAN ON APRIL 1 AND INCREASED IN SEVERITY. NO RELIEF WAS ENCOUNTERED UNTIL AUGUST 29. THE FIRE DANGER WAS RELIEVED ON OCTOBER 7 WHEN GENERAL RAINS BEGAN.

DURING THE PERIOD JUNE 20 TO JULY 4 HIGH TEMPERATURES IN CONJUNCTION WITH HIGH WIND VELOCITIES CAUSED THE RATE OF SPREAD TO BE EXTREME. NORMALLY SOME RELIEF CAN BE EXPECTED IN EARLY JULY. THIS DID NOT MATERIALIZE. THE FIRE SEASON WOULD BE CLASSED AS CRITICAL.

OF THE 667 FIRES OCCURRING DURING THE 1960 FIRE SEASON, THREE ENTERED THE CLASS C SIZE CLASS. THESE THREE FIRES ACCOUNTED FOR 65.6 ACRES COMPARED WITH A TOTAL OF 166.52 ACRES. THE TREND IN ACREAGE BURNED IS DOWNWARD. FIGURES FOR THE LAST FIVE YEAR PERIOD (1956-1960 INCLUSIVE) REVEAL THAT THE BURNED AREA AMOUNTED TO 1644.51 ACRES, OR AN ANNUAL AVERAGE OF 328.90 ACRES PER YEAR. THE COCONINO OBJECTIVE FOR 1960 WAS 400 ACRES OR LESS. AN ANALYSIS OF THE 5 YEAR PERIOD INDICATES ACREAGE BURNED WELL BELOW PAR. THESE OBJECTIVES WERE ACCOMPLISHED DESPITE INCREASED HAZARD AND HIGHER FIRE DANGER.

THE USE OF "SLURRY" DURING PERIODS OF HIGH FIRE DANGER WHERE FUELS AND SLOPE INDICATED A "BLOW UP" CONDITION EXISTED, REDUCED THE BURNED ACREAGE CONSIDERABLY. BORATE WAS USED ON A TOTAL OF 6 FIRES. FOUR OF THESE FIRES WOULD HAVE REACHED PROJECT SIZE IF BORATE HAD BEEN DELAYED.

DURING THE LAST 10 YEAR PERIOD (1951-1960 INCLUSIVE) A TOTAL OF 4339 FIRES OCCURRED. 714 OF THESE WERE MAN-CAUSED FOR A TOTAL OF 16.45%.

THE LAST THREE YEAR PERIOD (1958-1960 INCLUSIVE) A TOTAL OF 1624 FIRES OCCURRED. 207 OF THESE WERE MAN-CAUSED FOR A TOTAL OF 12.74%.

THE YEAR 1960 A TOTAL OF 667 FIRES OCCURRED. SIXTY OF THESE WERE MAN-CAUSED FOR A TOTAL OF 8.99.

OVER THE LAST 10-YEAR PERIOD (1951-1960 INCLUSIVE) THE FOREST HAS HAD AN AVERAGE OF 71 MAN-CAUSED FIRES PER YEAR. DURING THE 1960 FIRE SEASON 60 MAN-CAUSED FIRES OCCURRED. THIS IS STILL IN EXCESS OF THE OBJECTIVE OF 45 FOR THE YEAR 1960, BUT DOES INDICATE A DOWNWARD TREND. THIS HAD BEEN ACCOMPLISHED DESPITE INCREASED USE AND RISK.

THE FOLLOWING IS AN ANALYSIS OF THE COST CLASSES FOR THE YEAR 1960:

COST CLASS	I	(NOT OVER $25.00 FF)	35
COST CLASS	II	($26.00 TO $300.00 FF)	600
COST CLASS	III	($301.00 TO $1,000.00 FF)	28
COST CLASS	IV	($1,001.00 TO $5,000.00 FF)	3
COST CLASS	V	(OVER $5,000.00 FF)	1
		TOTAL	667

PROBABLY THE LARGEST SINGLE FACTOR INFLUENCING THE COST CLASS RECORD PRESENTED WOULD BE THE USE OF AIRCRAFT TO SECURE EARLY DETECTION THEREBY CUTTING THE ATTACK TIME. THIS RESULTED IN THE SAVING OF CONSIDERABLE MONEY AND DAMAGE TO THE RESOURCES.

ACTION HAS BEEN TAKEN TO RECOVER THE FF COSTS ON THE ONE FIRE THAT ENTERED THE CLASS V COST CLASS. NO DIFFICULTY IS ANTICIPATED.

THE YEAR 1960 SAW SEVERAL "FIRSTS" ON THE COCONINO IN THE REALM OF FIRE CONTROL. ON JULY 20 A HELICOPTER WAS USED TO TRANSPORT MEN AND EQUIPMENT TO A FIRE ON TOP OF WILSON MOUNTAIN. IN THE PAST THIS AREA COULD BE REACHED BY TRAIL ONLY. BORATE WAS USED ON A TOTAL OF 6 FIRES WITH GOOD RESULTS. THIS HAS BEEN COVERED IN A PREVIOUS PARAGRAPH.

USE OF AIRCRAFT, CLOSURES AND PATROLLING AIDED MATERIALLY. THE RESULTS WERE EARLY DETECTION, EARLY ATTACK BY AN ADEQUATE FORCE AND A MINIMUM OF BURNED AREA. DURING THE PERIOD 1956-1960 INCLUSIVE, THE COCONINO NATIONAL FOREST HAS HANDLED 2446 FIRES WITH A LOSS OF ONLY 1638.89 ACRES.